TOP SECRET
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BRIEF

PHOTOGRAPHIC INTERPRETATION REPORT

[redacted]

MELEKESS REACTOR DEVELOPMENT SITE USSR

25X1

AUGUST 1966

COPY 102

2 PAGES

25X1

[redacted]

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

Declass Review by NIMA/DOD

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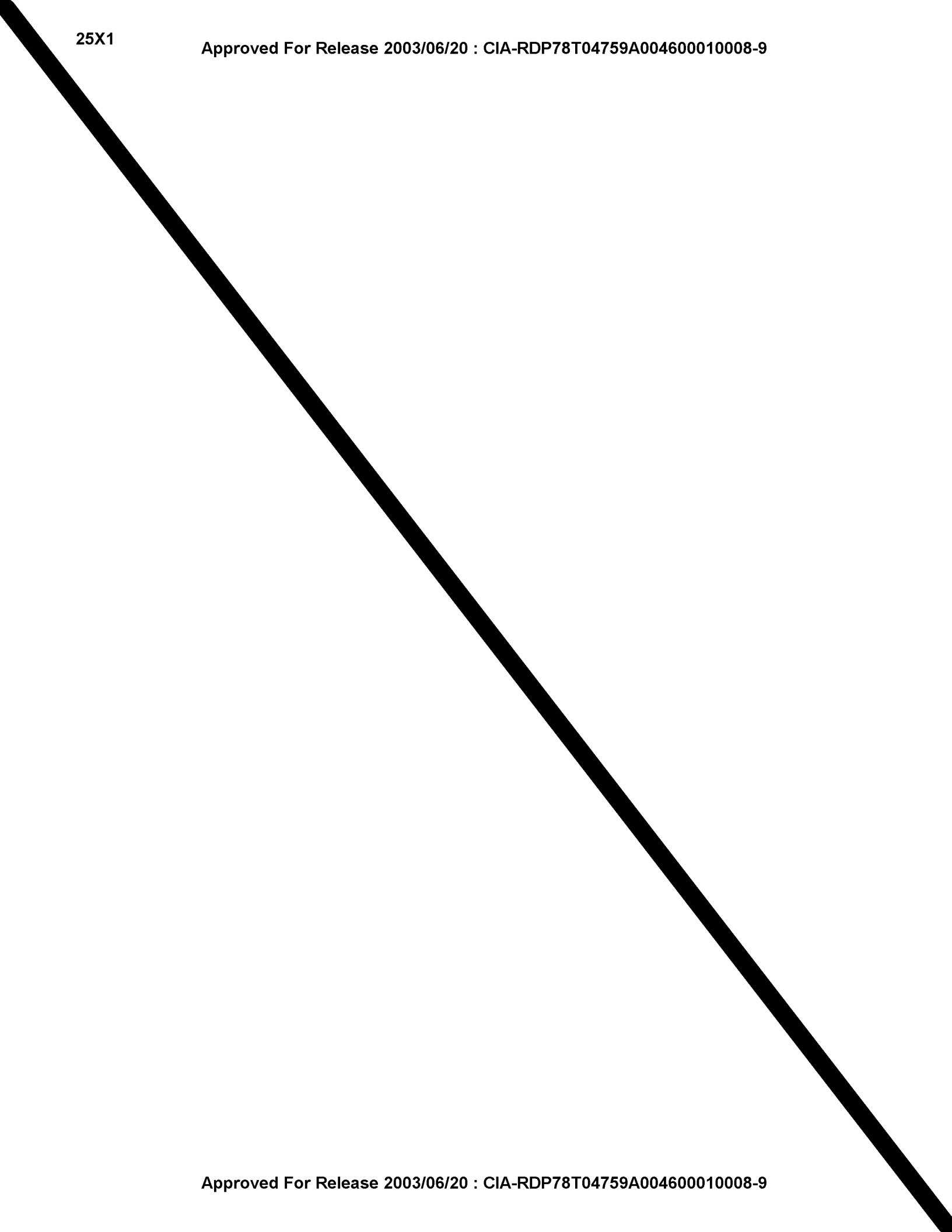

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August 1966

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NAME

Melekess Reactor Development Site

COUNTRY | GEO COORDINATES

USSR | 54-12N 49-32E

25X1

REFERENCES

25X1

[redacted], Series 200, Sheet 0165-11HL, 3d ed, Apr 64 (S)

25X1

[redacted] photography of the Melekess Reactor Development Site, USSR, permits an updating of previous information 1/ on facilities at the site. Item numbers appear on the photograph, page 2; all dimensions are expressed in feet, and plan dimensions represent overall sizes.

25X1

ITEM	DESCRIPTION	DIMENSIONS
1	Reactor (SM-2) bldg, with buried tank (60* diam)	[redacted]
2	Materials testing reactor (MTR) bldg u/c	160 diam
	Adjoining labs--80 x 50, 150 x 55, & 220 x 80	---
3	Boiling water reactor (BWR) bldg	380 x 120 x 80h
4	Reactor bldg u/c (poss fast reactor)	180 x 95*
5	Reactor bldg (flow-through, water-cooled reactor)	215 x 50
	With 3 u/g tanks & prob water treatment plant	---
6	Poss chem processing bldg u/c, with 3 reagent tanks	195 x 155*
7	Laboratory-type bldg	195 x 75*
8	Poss waste treatment plant u/c, with 2 u/g tanks	85 x 35*
9	Ditch connecting with effluent channel	---
10	Exhaust & filter bldg, with stack (410h)	480 x 170*
11	Bldg u/c, center space open	215 x 125*
12	3 cooling towers--top diams 115, u/c, & 89	---
13	Radiochemical lab	[redacted]
14	Metalurgical lab	300 x 255 x 45h
15	Storage/maintenance bldgs--160 x 65 (2), 150 x 60,	---
	130 x 60 (2), 265 x 125, 270 x 65, 160 x 75, & 160 x 30*	
16	Prob water treatment plant	250 x 75
17	Laboratory-type bldg	180 x 60
18	Laboratory-type bldg	150 x 70*
19	Operational support bldg, with small roof vents	115 x 60
20	Operational support bldg, rail served	250 x 55
21	Substation--1 large & 3 small transformers, control	---
	bldg, & 220/110-kv powerline	
22	Storage--8 transformer oil tanks (18* diam)	---
23	Administration area, 5 bldgs--155 x 80, 205 x 55,	---
	105 x 60, 60 x 30, & 85 x 55*	
24	Clearing, with small structure, circular storage tank,	---
	& poss tower	

*Estimated.

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ADDITIONAL REFERENCE

1. NPIC. [redacted] Mar 65 (TS [redacted]

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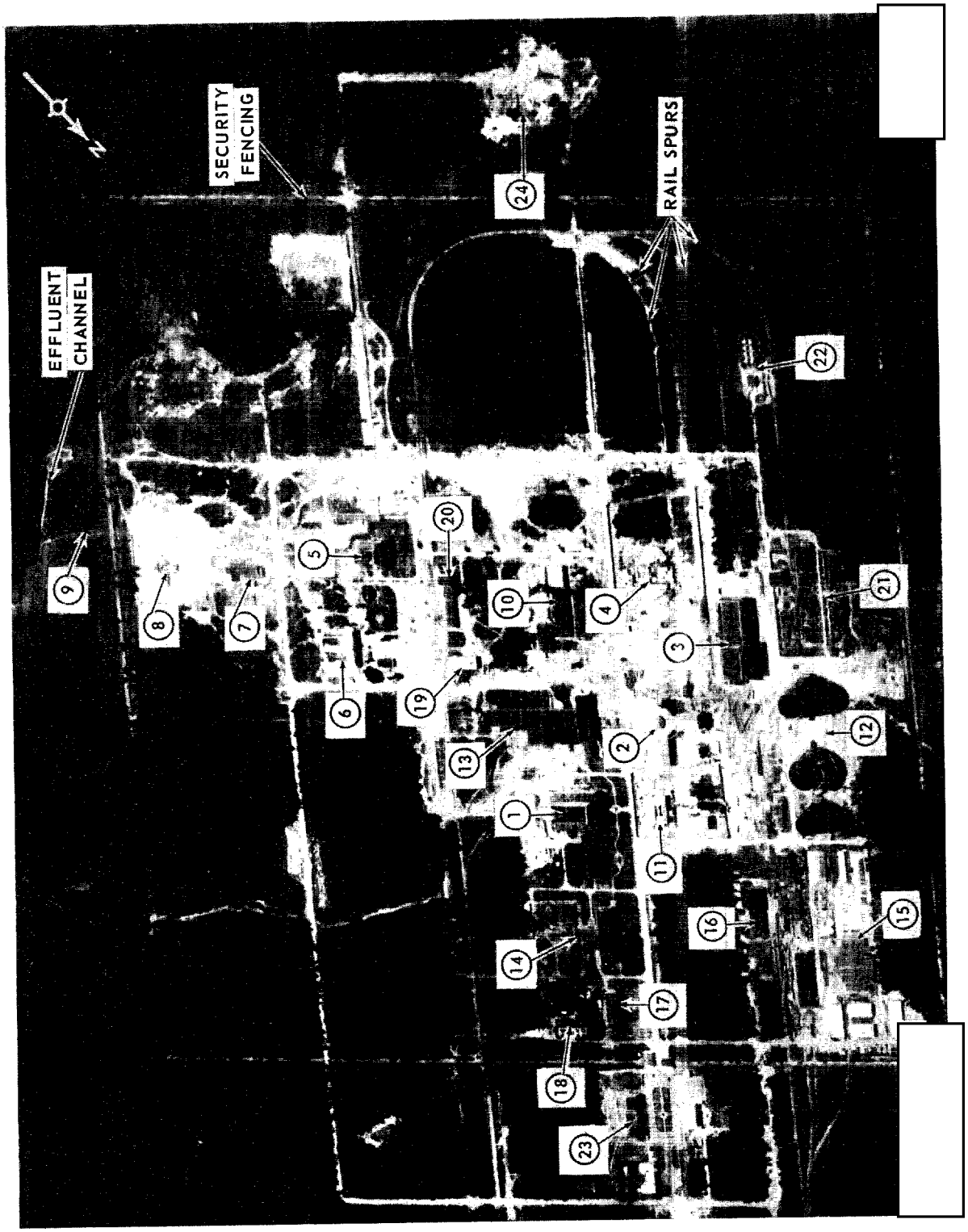

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